

Work Order ID 149357 - 2 split

July 22, 2016 3:04:43 PM

Amo17

149357

Page 1

Item ID: D2810-5

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Strut

Start Date: 9/22/2016

Start Qty: 15.00

Required Date: 9/30/2016

Req'd Qty: 15.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: SIA

Date: 7/25/16

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D2810

Rev C

100

0.00

100

Brake NC

NC BRAKE

Memo

0.72

Brake NC

1-Punch 304/316 SS Seamless Tubing 0.5" O.D. x 0.035" wall to length as per
Dwg D2810 and spec control Dwg D2727 using Jig DT8012

2-Deburr

15 FF SEP 01 2016

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.05

Quality Control

(15) SEP 07 2016

120

Black Sand (Ref: 4.3.5.7) per QSI005 4.3

0.00

120

Powder Coat

DRAB GREEN

Memo

B# 135172

0.05

Powder Coating

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

Paint B # 135413

1 26-09-16

SPRAY PAINT

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Work Order ID 149357

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149357

Page 2

Item ID: D2810-5

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Strut

Start Date: 9/22/2016 Start Qty: 15.00

15

Cust Item ID:

Required Date: 9/30/2016 Req'd Qty: 15.00

15

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC3- Inspect Part Finish	0.00							DAS 38 9-89
130									
QC	Memo	0.02							
Quality Control									SEP 27 2016
140	Identify as per dwg & Stock Location: <u>St377</u>	0.00							
140									
Packaging	Memo	0.02							
Packaging									DAS 6 9-89
									SEP 28 2016
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.25							
Quality Control									DAS 21 9-89
									OCT 03 2016

DAS
21
9-89

SEP 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				

Picklist Print

July 22, 2016 3:04:42 PM

Page 1

Work Order ID: 149357

149357

Parent Item: D2810-5

D2810-5

Parent Item Name: Strut

Start Date: 9/22/2016

Required Date: 9/30/2016

Start Qty: 15.00

Required Qty: 15.00

Comments: IPP A04.11.30New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.500W.035		Purchased	No			100	f	149.2788	1.9175	30.27632			
M304TR0 500W 0.35									**			FF SEP 01 2016	
304 RD Tube .500 x .035W													

Location

Loc Qty

Loc Code

GA	135448	15.45679
m133509		15.45679
GA002		133.8220434
m132872		1.6822064
m133611		3.994895
m134504		128.144942

30.27632

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

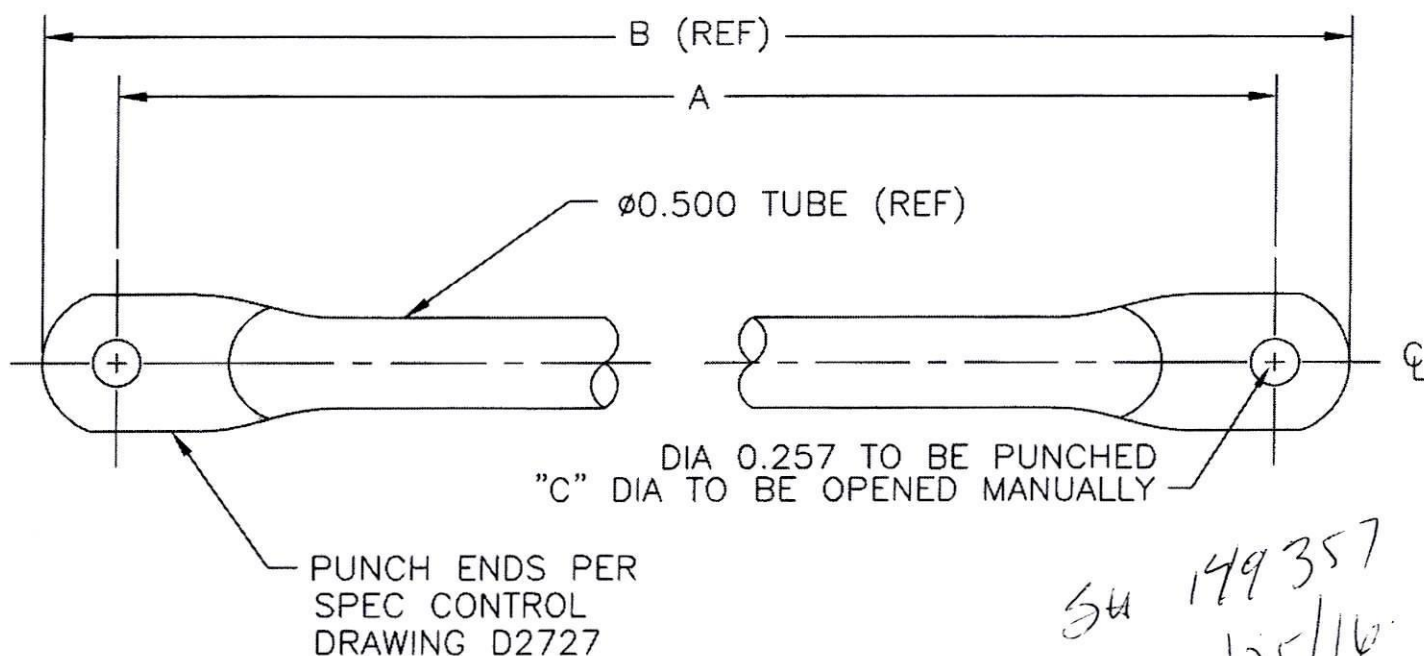
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DART

DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2810	REV. C SHEET 1 OF 1
DATE 04.11.22		TITLE STRUT	SCALE NTS
A	00.11.08	NEW ISSUE	
B	03.09.11	ADD FINISH	
C	04.11.22	ADD -5	

RELEASE05.03.11 *[Signature]**SK**SK 149357 7/25/16*

PART #	A	B	C
D2810-1	25.33	26.13	N/A
D2810-3	24.60	25.40	N/A
D2810-5	23.01	23.81	0.266

D2810-1/-3/-5

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBE, $\phi 0.500 \times 0.035$ WALL (M304TR0.500W.035)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3
- 4) ALL DIMENSIONS ARE IN INCHES

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Misidentified ☐	☐	Past Due ☐																							

INSPECTION SHEET

DAS

30
9-83

Date:

Revised by
KJ

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																	
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